

Attorney Docket # 4925-98RCE

Serial No. 09/719,070
Amendment dated April 13, 2005
In response to Office Action dated December 13, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A method for connecting a subscriber system comprising a subscriber apparatus of a user to a host mobile network, comprising the steps of:
storing, in a network element connected to the host mobile network, subscriber data corresponding to information concerning the subscriber apparatus of the user of the subscriber system, wherein the network element associates the subscriber apparatus of the user with a mobile communication means of the user on the host mobile network;
transporting user's subscriber identity to the network element;
realizing emulation of network functions towards said host mobile network and towards said subscriber system based on said user's subscriber identity and/or said stored subscriber data;
emulating towards said host mobile network a first desired interface by producing first signals representing signals of the host mobile network in said network element, said first desired interface being of said host mobile network;
emulating towards said subscriber system a second desired interface by producing second signals representing signals of the subscriber system in said network element, said second desired interface being of said subscriber system; and
connecting, in said network element, said second signals [of said subscriber system] to the host mobile network and said first signals [of the host mobile network] to said subscriber system based on said stored subscriber data.
2. (Previously Presented) The method according to claim 1, wherein said network element is used to emulate mobile network functions associated with mobile communication devices of the host mobile network that are not realized by the subscriber apparatus in said subscriber system.

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3. (Previously Presented) The method according to claim 2, wherein at least a part of said functions are functions dependent on said subscriber data.
4. (Previously Presented) The method according to claim 1, wherein the network element is used to receive signals from said subscriber system, which signals are coming from signal lines of which there are a certain first number, and said received signals are concentrated into signal lines of the host mobile network of which there are a certain second number such that said second number is smaller than said first number.
5. (Previously Presented) The method according to claim 1, wherein said first desired interface is an interface between a base station controller and mobile switching center.
6. (Previously Presented) The method according to claim 1, wherein said first desired interface is an interface between a base station controller and base station.
7. (Previously Presented) The method according to claim 1, wherein said first desired interface is a radio interface between a mobile communication device and base station.
8. (Previously Presented) The method according to claim 1, wherein at least part of host mobile network subscriber information needed by the network element is read from a database stored in the network element.
9. (Previously Presented) The method according to claim 1, wherein at least part of host mobile network subscriber information needed by the network element is generated automatically.
10. (Previously Presented) The method according to claim 1, wherein said subscriber system comprises at least one fixed telephone network.

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11. (Previously Presented) The method according to claim 1, wherein said subscriber system comprises at least one radio network.

12. (Previously Presented) The method according to claim 1, wherein said subscriber system comprises at least one interphone network.

13. (Currently Amended) A network element for connecting a host mobile network with a subscriber apparatus of a subscriber system, comprising:

memory means for storing subscriber data corresponding to information concerning the subscriber apparatus of a user of the subscriber system, wherein the network element associates the subscriber apparatus of the user with a mobile communication means of the user on the host mobile network;

means of signaling for transporting user's subscriber identity to the network element;

an emulation block for emulating a desired interface of network functions towards said host mobile network and towards said subscriber system based on said user's subscriber identity and/or said stored subscriber data;

an input unit and an output unit for providing signals of the desired interface towards said host mobile network [~~functions not found in~~] and towards said subscriber system;
and

a switching block for connecting signals [~~coming from~~] of said subscriber system to the host mobile network and signals of the host mobile system to said subscriber system based on said stored subscriber data.

14. (Previously Presented) The network element according to claim 13, wherein said emulation block is arranged so as to emulate mobile network functions associated with mobile communication devices of the host mobile network which are not provided by said subscriber apparatus in said subscriber system.

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15. (Currently Amended) The network element according to claim 13, ~~[further comprising]~~ wherein the ~~[an]~~ output unit ~~[for realizing]~~ realizes functionality according to a predetermined interface of said host mobile network.

16. (Previously Presented) The network element according to claim 15, wherein said predetermined interface is an interface between a base station controller and mobile switching center.

17. (Previously Presented) The network element according to claim 15, wherein said predetermined interface is an interface between a base station and base station controller.

18. (Previously Presented) The network element according to claim 15, wherein said predetermined interface is an interface between a mobile communication device and base station.

19. (Previously Presented) The network element according to claim 13, wherein said memory means comprises a database block for storing host mobile network subscription data corresponding to the subscriber apparatus in said subscriber system.

20. (Previously Presented) The network element according to claim 13, wherein said subscriber data corresponds to information in a subscriber identity module (SIM) of the mobile communication means of the user on the mobile network.